

IN THE ABSTRACT:

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Please delete the second paragraph of the originally filed Abstract, which begins of line 17 of page 23 of the specification.

IN THE CLAIMS:

Please amend claims 1, 4, 7, 8 and 10 as follows:

A1
cancel
1. (Amended) A digital broadcast demodulator, being an apparatus for receiving digital broadcast by transmitting digital video and audio information coded by digital VSB modulation system in packet form, comprising:

a circuit for establishing [the] a synchronous signal in reception data [by processing] based on a polarity of the most significant bit (MSB) [showing the positive or negative sign] of the reception transport packet data.

A2
cancel
4. (Amended) A digital broadcast demodulator, being an apparatus for receiving digital broadcast by transmitting digital video and audio information coded by digital VSB modulation system in packet form,

wherein [the] a differential value of synchronous signals of reception packet data [which should be of the same level by nature] is determined so as to detect [the] a clock phase error of transmission data, and [the] a clock signal is regenerated by phase control on the basis of [this] said clock phase error.

A3
cancel
7. (Amended) A digital broadcast demodulator, being an apparatus for receiving

digital broadcast by transmitting digital video and audio information coded by digital VSB modulation system in packet form,

wherein [the] a clock signal is regenerated by detecting [the] a clock phase error from [the] a differential value of the data [which should be of same level by nature] coinciding with [the] a synchronous signal code pattern of reception data until the synchronous signal of reception packet data is detected and established.

8. (Amended) A digital broadcast demodulator, being an apparatus for receiving digital broadcast by transmitting digital video and audio information coded by digital VSB modulation system in packet form,

wherein [the] a synchronous signal in the received packet data is detected, the difference between the detected data value of the synchronous signal and [the] a predetermined reference value is determined, and [the AGC] automatic gain control is [realized] performed on the basis of this difference.

10. (Amended) A digital broadcast demodulator, being an apparatus for receiving digital broadcast by transmitting digital video and audio information coded by digital VSB modulation system in packet form,

wherein [the AGC] automatic gain control is [realized] performed by detecting the amplitude difference from [the] an envelope of analog detected base band signal until [the] a synchronous signal of reception packet data is detected and established.